

Technical Bulletin

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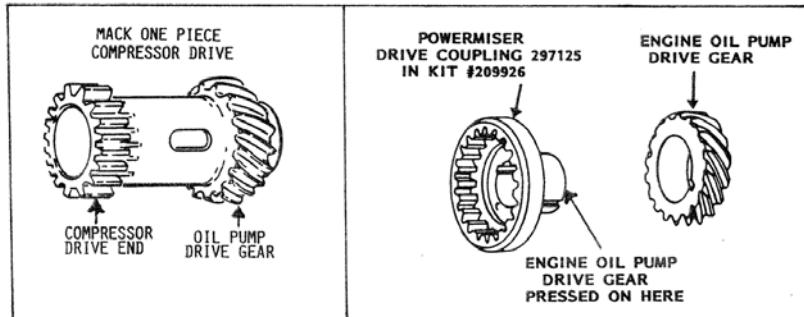
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Subject: POWERMISER 501 MACK RETROFIT INSTALLATIONS (Kit #209926)

When using kit #209926 to retrofit the Powermiser 501 compressor clutch on the Mack six cylinder engine, it is necessary to replace the engine's existing compressor drive with the drive coupling (297125) provided in the kit. The oil pump drive gear must be pressed off the existing drive and onto the kit's replacement drive coupling.

It has come to our attention that some older Mack engines used a one piece compressor drive and oil pump gear and, therefore, the gear cannot be pressed off. Mack obsoleted the one piece drive, however, a few can still be found in rebuilt engines. When the one piece drive is encountered, it is necessary to purchase a separate engine oil pump drive gear from Mack. To determine the correct Mack part number, count the teeth on the oil pump drive gear of the one piece unit and refer to the chart below.



No. of Teeth on
Oil Pump Gear of
One Piece Drive

13
15
17

Mack Part No. for
Separate Oil Pump
Drive Gear

682 GB 113
683 GB 195
683 GB 1154